

ABSTRACT

The present invention provides a highly water pressure-resistant polyester nonwoven fabric having a water pressure resistance of 2 kPa or more and composed of a laminated nonwoven fabric structure that is integrated by thermocompressive bonding an extremely fine fiber nonwoven fabric layer in which a polyester material is mixed with 1% or more of a polyolefin material and which has a fiber diameter of 5  $\mu\text{m}$  or less, and a polyester filamentary fiber nonwoven fabric layer having a fiber diameter of 7  $\mu\text{m}$  or more.

The polyester nonwoven fabric is a nonwoven fabric material appropriate to moisture-permeable waterproof sheets used for building materials and shoe materials and, moreover, to fields requiring filtering properties, for example, various packaging materials such as dry packaging materials used as packaging materials and sterilization packaging materials also required to have radiation resistance and peel strength.